ABSTRACT

CLASSIFIER FOR GRANULAR MATERIAL

5   The present invention relates to a dynamic air
classifier   for   the   separation   of   granular   and   powdery
materials into fractions of different grain sizes comprising
a rotary cage, wherein:
- said classifier also comprises a recovery chamber for fine
10   materials with a outlet bottom, said chamber being defined
   by a casing;
- said   recovery   chamber   is   coaxially   arranged   in   the
   protrusion of the rotary cage so as to be able to use the
   vortex   created   by   the   rotary   cage   for   cycloning   said
15   material;
- said   recovery   chamber   comprises   openings   in   the   casing
   allowing the passage of the centrifuged material towards
   ducts   for   collecting   the   material   located   outside   the
   chamber.
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(Fig. 2)